

WHAT IS CLAIMED IS:

1. Loading apparatus for a vehicle, with loading floor provisioned in loading area of the vehicle, with elements for the vertical height adjustment of loading floor within loading area with elements for the horizontal movement of loading floor, specifically for extending and retracting loading floor out of and into loading area and with drive elements for driving elements for the vertical height adjustment of loading floor wherein
drive elements also serve to drive elements for the horizontal movement of loading floor.
2. Loading apparatus according to claim 1, wherein the elements for height adjustment exhibit parallelogram steering elements , and at least one of the parallelogram steering elements can be driven by the drive elements.
3. Loading apparatus according to claim 2, wherein at least one of the parallelogram steering elements exhibits toothed segment, and the drive elements exhibit shaft, which is configured for driving the toothed segment.
4. Loading apparatus according to claim 3, wherein the toothed segment is configured to have a curved shape, in particular in the form of a circular segment.
5. Loading apparatus according to claim 1, wherein the elements for horizontal movement exhibit rack, which is provisioned between at least two parallelogram steering elements, which are provisioned one after the other in the direction of the horizontal movement, and wherein the drive elements exhibit shaft, which is configured to introduce a driving force to the rack for the horizontal movement of the loading floor.
6. Loading apparatus according to claim 4, wherein the toothed segment and the rack are provisioned such that the shaft runs over the toothed segment during the

height adjustment of the loading floor, and that the shaft runs over the rack during the horizontal movement of the loading floor.

7. Loading apparatus according to claim 1, wherein the drive elements are provisioned on the lower side of the loading floor in the retracted state, on the side of the loading floor across from loading edge.

8. Loading apparatus according to claim 1, wherein the drive elements exhibit an electric drive mechanism.

9. Loading apparatus according to claim 1, wherein input elements are provisioned for inputting movement commands into a control device for the loading floor, and with elements for automatically opening and/or closing a rear hatch of the vehicle, where the elements for automatically opening and closing are coupled to the control device such that the rear hatch opens when the loading floor is extended, and/or so that the rear hatch closes when the loading floor is retracted.